

JAPANESE UTILITY MODEL UNEXAMINED PUBLICATION

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(72) Inventor : EMIKO INUI

(54) SAFETY NEEDLE

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2.**** shows the word which can not be translated.

3. In the drawings, any words are not translated.

CLAIMS

[Utility-model registration claim]

[Claim 1] The hypodermic needle which can put covering on a safe authenticity by extruding covering put on a needle from this side

[Translation done.]

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DETAILED DESCRIPTION

[A detailed explanation of a design]

[0001]

[Prior art]

For a medical worker, the pathopoiesis by the accident on a job is a very serious and serious problem. The example accidentally stabbed with a hypodermic needle also in accident is not formed from the back. After using the most for a patient, by the time it puts a cap, it will happen. moreover, a cap needs to hang -- the present condition is that the hypodermic needle canceled as there was nothing has changed to very dangerous dust

[0002]

[The technical problem which a design tends to solve]

After using a needle, a cap is put safely immediately and it has been the technical problem of pressing need to reduce the risk in a medical worker's station.

[0003]

[The means for solving a technical problem]

Covering is fixed to the needle point after use of a needle by extruding lightly covering of the shape of a cylinder which it let pass beforehand to the needle by the forefinger.

[0004]

[Operation]

Covering extruded at the finger point is fixed with two covering locks with which it was prepared behind the covering fraction. The status that the needle point was isolated by this with the exterior is maintained.

[0005]

[Example]

It can be used completely like the conventional needle and after use can put covering by one-touch.

[0006]

[The effect of a design]

Immediately after use of a needle, it is enabled to cover the needle point simply, and ****s by the forefinger of the hand which gripped, gripped a glass syringe, and accident can be protected completely.

[0007]

[Translation done.]

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PRIOR ART

[Prior art]

For a medical worker, the pathopoiesis by the accident on a job is a very serious and serious problem. The example accidentally stabbed with a hypodermic needle also in accident is not formed from the back. After using the most for a patient, by the time it puts a cap, it will happen. moreover, a cap needs to hang -- the present condition is that the hypodermic needle canceled as there was nothing has changed to very dangerous dust

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EFFECT OF THE INVENTION

[The effect of a design]

Immediately after use of a needle, it is enabled to cover the needle point simply, and ****s by the forefinger of the hand which gripped, gripped a glass syringe, and accident can be protected completely.

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TECHNICAL PROBLEM

[The technical problem which a design tends to solve]

After using a needle, a cap is put safely immediately and it has been the technical problem of pressing need to reduce the risk in a medical worker's station.

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MEANS

[The means for solving a technical problem]

Covering is fixed to the needle point after use of a needle by extruding lightly covering of the shape of a cylinder which it let pass beforehand to the needle by the forefinger.

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OPERATION

[Operation]

Covering extruded at the finger point is fixed with two covering locks with which it was prepared behind the covering fraction. The status that the needle point was isolated by this with the exterior is maintained.

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EXAMPLE

[Example]

It can be used completely like the conventional needle and after use can put covering by one-touch.

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DESCRIPTION OF DRAWINGS

[An easy explanation of a drawing]

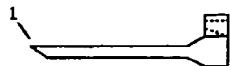
- [Drawing 1] A part for this soma of a needle
- [Drawing 2] The covering fraction of a needle
- [Drawing 3] Status before needle use
- [Drawing 4] Status which put covering after needle use

[An explanation of a sign]

- 1 Needle Point
- 2 Fraction to which Finger is Applied
- 3 Covering Lock

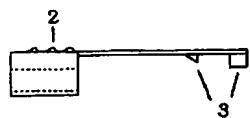
[Translation done.]

Drawing selection drawing 1



[Translation done.]

Drawing selection drawing 2



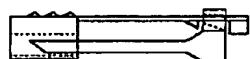
[Translation done.]

Drawing selection drawing 3



[Translation done.]

Drawing selection drawing 4



- 1 針先
- 2 指をあてる部分
- 3 カバーロック

[Translation done.]

(19)日本国特許庁 (JP)

(12) **公開実用新案公報 (U)**

(11)実用新案出願公開番号

実開平6-63050

(43)公開日 平成6年(1994)9月6日

(51)Int.Cl.⁵
A 61 M 5/32

識別記号
8825-4C

F I

技術表示箇所

審査請求 未請求 請求項の数1 FD (全2頁)

(21)出願番号 実開平5-10042

(22)出願日 平成5年(1993)2月15日

(71)出願人 393002519

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山形県山形市青田南20番15号

(54)【考案の名称】 安全注射針

(57)【要約】

【目的】医療従事者の注射針による事故を防ぐため、針の使用後針にあらかじめ通しておいた円筒状のカバーを人差指で軽く押し出すことによりカバーを針先に固定する。安全確実簡便に針にカバーをかぶせることを目的とした。

【構成】円筒状のカバーとカバーを固定するためのカバーロックから構成され、針先がカバーされると同時にカバーがロックされる構造となっている。



(2)

実開平6-63050

1

【実用新案登録請求の範囲】

【請求項1】 針にかぶせるカバーを手前より押
し出すことにより、安全確実にカバーをかぶせることが
できる注射針

【図面の簡単な説明】

【図1】 針の本体部分

【図2】 針のカバー部分

2

* 【図3】 針使用前の状態

【図4】 針使用後カバーをかぶせた状態

【符号の説明】

1 針先

2 指をあてる部分

3 カバーロック

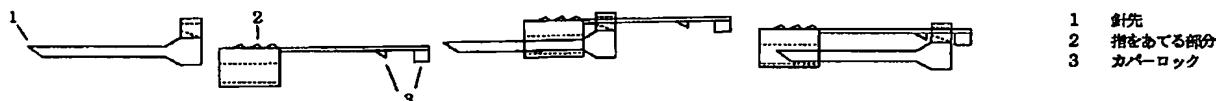
*

【図1】

【図2】

【図3】

【図4】



【考案の詳細な説明】**【0001】****【従来の技術】**

医療従事者にとって、職務上の事故による発病は極めて深刻で重大な問題である。事故のなかでも、注射針を誤って刺してしまう事例が後をたたない。そのほとんどは患者に使用した後、キャップをかぶせるまでに起こる。またキャップがかぶされないままに破棄された注射針は極めて危険なゴミと化しているのが現状である。

【0002】**【考案が解決しようとする課題】**

針を使用した後、直ちに安全にキャップをかぶせ、医療従事者の職場での危険を減らすことが急務の課題となっている。

【0003】**【課題を解決するための手段】**

針の使用後、針にあらかじめ通しておいた円筒状のカバーを人差指で軽く押し出すことにより、カバーを針先に固定する。

【0004】**【作用】**

指先で押し出されたカバーはカバー部分の後方の設けられた2つのカバーロックにより固定される。これによって針先が外部と隔離された状態が保たれる。

【0005】**【実施例】**

従来の針と全く同様に使用でき、使用後はワンタッチでカバーをかぶせることができる。

【0006】**【考案の効果】**

針の使用直後に、注射筒を把持したままで、把持した手の人差指で簡単に針先をカバーすることが可能となり、針刺し事故は完全に防ぐことが可能である。

【0007】